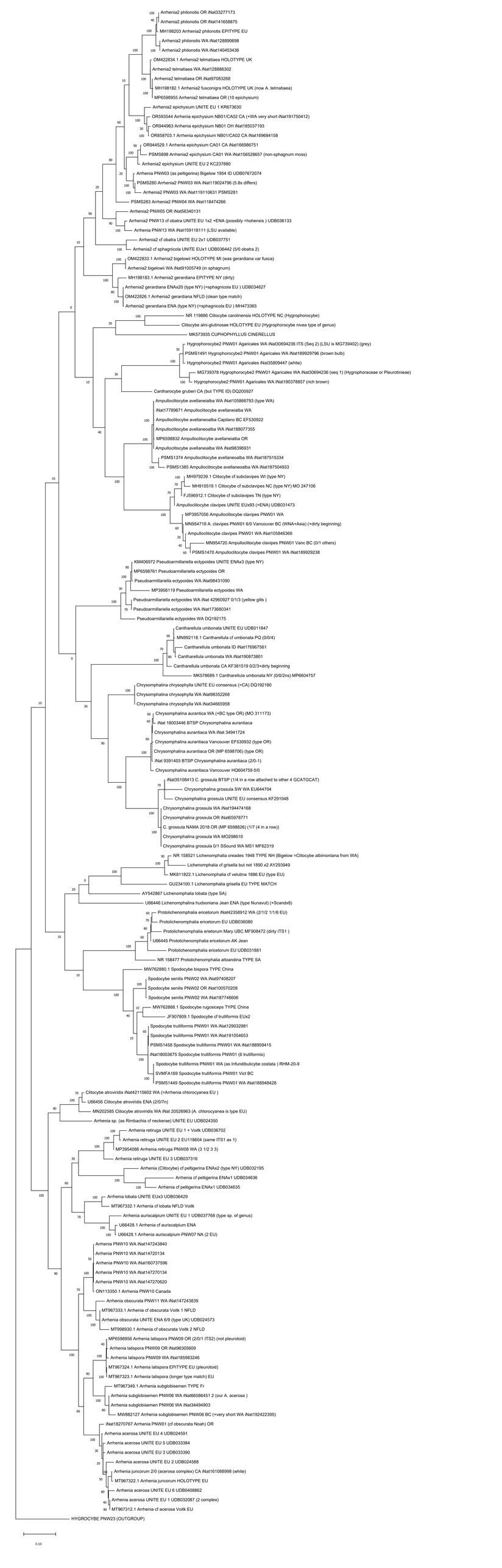
Arrhenia2 philonotis OR iNat33277173
Arrhenia2 philonotis OR iNat141658875
MH198203 Arrhenia2 philonotis EPITYPE EU
Arrhenia2 philonotis WA iNat128890698
Arrhenia2 philonotis WA iNat140453436
OM422834.1 Arrhenia2 telmatiaea HOLOTYPE UK
Arrhenia2 telmatiaea WA iNat128886302
Arrhenia2 telmatiaea OR iNat97083268
MH198182.1 Arrhenia2 fusconigra HOLOTYPE UK (now A. telmatiaea)
MP6598955 Arrhenia2 telmatiaea OR (10 epichysium)
Arrhenia2 epichysium UNITE EU 1 KR673630
OR593544 Arrhenia epichysium NB01/CA02 CA (+WA very short iNat191750412)
OR944963 Arrhenia epichysium NB01 OH iNat185037193
OR858703.1 Arrhenia epichysium NB01/CA02 CA iNat169684158
OR944529.1 Arrhenia epichysium CA01 CA iNat166986751
PSMS898 Arrhenia2 epichysium CA01 WA iNat156528657 (non-sphagnum moss)
Arrhenia2 epichysium UNITE EU 2 KC237880
Arrhenia PNW03 (as peltigerina) Bigelow 1954 ID UDB07672074
PSMS280 Arrhenia2 PNW03 WA iNat119024796 (5.8s differs)
Arrhenia2 PNW03 WA iNat119110631 PSMS281
PSMS283 Arrhenia2 PNW04 WA iNat118474266
Arrhenia2 PNW05 OR iNat56340131
Arrhenia2 PNW13 cf obatra UNITE EU 1x2 +ENA (possibly =hohensis) UDB036133
Arrhenia PNW13 WA iNat159118111 (LSU available)
Arrhenia2 cf obatra UNITE EU 2x1 UDB037751
Arrhenia2 cf sphagnicola UNITE EUx1 UDB036442 (5/0 obatra 2)
OM422833.1 Arrhenia2 bigelowii HOLOTYPE MI (was gerardiana var fusca)
Arrhenia2 bigelowii WA iNat91005749 (in sphagnum)
MH198183.1 Arrhenia2 gerardiana EPITYPE NY (dirty)
Arrhenia2 gerardiana ENAx20 (type NY) (=sphagnicola EU) UDB034627
OM422826.1 Arrhenia2 gerardiana NFLD (clean type match)
Arrhenia2 gerardiana ENA (type NY) (=sphagnicola EU) MH473365
NR 119886 Clitocybe carolinensis HOLOTYPE NC (Hygrophorocybe)
Clitocybe alni-glutinosae HOLOTYPE EU (Hygrophorocybe nivea type of genus)
MK573935 CUPHOPHYLLUS CINERELLUS
Hygrophorocybe2 PNW01 Agaricales WA iNat30694236 ITS (Seq 2) (LSU is MG739402) (grey)
PSMS1491 Hygrophorocybe2 PNW01 Agaricales WA iNat189929796 (brown bulb)
Hygrophorocybe2 PNW01 Agaricales iNat35609447 (white)
MG739378 Hygrophorocybe2 PNW01 Agaricales WA iNat30694236 (seq 1) (Hygrophoraceae or Pleurotinieae)
Hygrophorocybe2 PNW01 Agaricales WA iNat190378857 (rich brown)
Cantharocybe gruberi CA (but TYPE ID) DQ200927
Ampulloclitocybe avellaneiaiba WA iNat105866793 (type WA)
iNat17789671 Ampulloclitocybe avellaneiaiba WA
Ampulloclitocybe avellaneoaiba Capilano BC EF530922
Ampulloclitocybe avellaneoaiba WA iNat188077355
MP6598832 Ampulloclitocybe avellaneiaiba OR
Ampulloclitocybe avellaneiaiba WA iNat98396931
PSMS1374 Ampulloclitocybe avellaneoaiba WA iNat187515334
PSMS1385 Ampulloclitocybe avellaneoaiba WA iNat187504933
MH979239.1 Clitocybe cf subclavipes WI (type NY)
MH910519.1 Clitocybe cf subclavipes NC (type NY) MO 247106
FJ596912.1 Clitocybe cf subclavipes TN (type NY)
Ampulloclitocybe clavipes UNITE EUx93 (+ENA) UDB031473
MP3957056 Ampulloclitocybe clavipes PNW01 WA
MN954719 A. clavipes PNW01 6/0 Vancouver BC (WNA+Asia) (+dirty beginning)
Ampulloclitocybe clavipes PNW01 WA iNat105846366
MN954720 Ampulloclitocybe clavipes PNW01 Vanc BC (0/1 others)
PSMS1470 Ampulloclitocybe clavipes PNW01 WA iNat189929238
KM406972 Pseudoarmillariella ectypoides UNITE ENAx3 (type NY)
MP6598761 Pseudoarmillariella ectypoides OR
Pseudoarmillariella ectypoides WA iNat98431090
MP3956119 Pseudoarmillariella ectypoides WA
Pseudoarmillariella ectypoides WA iNat 42960927 0/1/3 (yellow gills)
Pseudoarmillariella ectypoides WA iNat173680341
Pseudoarmillariella ectypoides WA DQ192175
Cantharellula umbonata UNITE EU UDB011847
MN992118.1 Cantharellula cf umbonata PQ (0/0/4)
Cantharellula umbonata ID iNat176967561
Cantharellula umbonata WA iNat190873801
Cantharellula umbonata CA KF381519 0/2/3+dirty beginning
MK576689.1 Cantharellula umbonata NY (0/0/2ns) MP6604757
Chrysomphalina chrysophylla UNITE EU consensus (=CA) DQ192180
Chrysomphalina chrysophylla WA iNat98352268
Chrysomphalina chrysophylla WA iNat34665958
Chrysomphalina aurantica WA (+BC type OR) (MO 311173)
iNat 18003446 BTSP Chrysomphalina aurantiaca
Chrysomphalina aurantiaca WA iNat 34941724
Chrysomphalina aurantiaca Vancouver EF530932 (type OR)
Chrysomphalina aurantiaca OR (MP 6598706) (type OR)
iNat 9391403 BTSP Chrysomphalina aurantiaca (2/0-1)
Chrysomphalina aurantiaca Vancouver HQ604759 0/0
iNat35108413 C. grossula BTSP (1/4 in a row attached to other 4 GCATGCAT)
Chrysomphalina grossula SW WA EU644704
Chrysomphalina grossula UNITE EU consensus KF291048
Chrysomphalina grossula WA iNat194474168
Chrysomphalina grossula OR iNat65978771
C. grossula NAMA 2018 OR (MP 6598826) (1/7 (4 in a row))
Chrysomphalina grossula WA MO298610
Chrysomphalina grossula 0/1 SSound WA MS1 MF62319
NR 158521 Lichenomphalia oreades 1948 TYPE NH (Bigelow =Clitocybe albimontana from WA)
Lichenomphalia cf grisella but not 1890 x2 AY293949
MK811822.1 Lichenomphalia cf velutina 1886 EU (type EU)
GU234100.1 Lichenomphalia grisella EU TYPE MATCH
AY542867 Lichenomphalia lobata (type SA)
U66446 Lichenomphalina hudsoniana Jean ENA (type Nunavut) (+Scandx8)
Protolichenomphalia ericetorum iNat42358912 WA (2/1/2 1/1/6 EU)
Protolichenomphalia ericetorum EU UDB036080
Protolichenomphalia erietorum Mary UBC MF908472 (dirty ITS1)
U66445 Protolichenomphalia ericetorum AK Jean
Protolichenomphalia ericetorum EU UDB031881
NR 158477 Protolichenomphalia altoandina TYPE SA
MW762880.1 Spodocybe bispora TYPE China
Spodocybe senilis PNW02 WA iNat97408207
Spodocybe senilis PNW02 OR iNat100570208
Spodocybe senilis PNW02 WA iNat187746606
MW762888.1 Spodocybe rugosiceps TYPE China
JF907809.1 Spodocybe cf trulliformis EUx2
Spodocybe trulliformis PNW01 WA iNat129032981
Spodocybe trulliformis PNW01 WA iNat191054653
PSMS1458 Spodocybe trulliformis PNW01 WA iNat188959415
iNat18003675 Spodocybe trulliformis PNW01 (6 trulliformis)
Spodocybe trulliformis PNW01 WA (as Infundibulicybe costata) RHM-20-9
SVMFA169 Spodocybe trulliformis PNW01 Vict BC
PSMS1449 Spodocybe trulliformis PNW01 WA iNat188948428
Clitocybe atroviridis iNat42115602 WA (=Arrhenia chlorocyanea EU)
U66456 Clitocybe atroviridis ENA (2/0/7n)
MN202585 Clitocybe atroviridis WA iNat 20526963 (A. chlorocyanea is type EU)
Arrhenia sp. (as Rimbachia cf neckerae) UNITE EU UDB024350
Arrhenia retiruga UNITE EU 1 + Voitk UDB036702
Arrhenia retiruga UNITE EU 2 EU118604 (same ITS1 as 1)
MP3954086 Arrhenia retiruga PNW08 WA (3 1/2 3 3)
Arrhenia retiruga UNITE EU 3 UDB037316
Arrhenia (Clitocybe) cf peltigerina ENAx2 (type NY) UDB032195
Arrhenia cf peltigerina ENAx1 UDB034636
Arrhenia cf peltigerina ENAx1 UDB034635
Arrhenia lobata UNITE EUx3 UDB036429
MT967332.1 Arrhenia cf lobata NFLD Voitk
Arrhenia auriscalpium UNITE EU 1 UDB037768 (type sp. of genus)
U66428.1 Arrhenia cf auriscalpium ENA
U66428.1 Arrhenia auriscalpium PNW07 NA (2 EU)
Arrhenia PNW10 WA iNat147243840
Arrhenia PNW10 WA iNat14720134
Arrhenia PNW10 WA iNat160737596
Arrhenia PNW10 WA iNat147270134
Arrhenia PNW10 WA iNat147270620
ON113350.1 Arrhenia PNW10 Canada
Arrhenia obscurata PNW11 WA iNat147243839
MT967333.1 Arrhenia cf obscurata Voitk 1 NFLD
Arrhenia obscurata UNITE ENA 6/9 (type UK) UDB024573
MT998930.1 Arrhenia cf obscurata Voitk 2 NFLD
MP6598956 Arrhenia latispora PNW09 OR (2/0/1 ITS2) (not pleurotoid)
Arrhenia latispora PNW09 OR iNat96305609
Arrhenia latispora PNW09 WA iNat185983246
MT967324.1 Arrhenia latispora EPITYPE EU (pleurotoid)
MT967323.1 Arrhenia latispora (longer type match) EU
MT967349.1 Arrhenia subglobisemen TYPE Fr
Arrhenia subglobisemen PNW06 WA iNat66586451 2 (our A. acerosa)
Arrhenia subglobisemen PNW06 WA iNat34494903
MW882127 Arrhenia subglobisemen PNW06 BC (+very short WA iNat192422395)
iNat18270767 Arrhenia PNW01 (cf obscurata Noah) OR
Arrhenia acerosa UNITE EU 4 UDB024591
Arrhenia acerosa UNITE EU 5 UDB033384
Arrhenia acerosa UNITE EU 3 UDB033390
Arrhenia acerosa UNITE EU 2 UDB024588
Arrhenia juncorum 2/0 (acerosa complex) CA iNat161088998 (white)
MT967322.1 Arrhenia juncorum HOLOTYPE EU
Arrhenia acerosa UNITE EU 6 UDB0408862
Arrhenia acerosa UNITE EU 1 UDB032087 (2 complex)
MT967312.1 Arrhenia cf acerosa Voitk EU
HYGROCYBE PNW23 (OUTGROUP)
0.10